



HAMS ASSIST IN GOVERNOR INAUGURATION

Governor Mike Easley's inauguration committee asked amateur radio to help with logistics coordination. Virginia, NC4VA (right) keeps Parade Coordinator Anne Franklin (Left) up to date on the status of entries. More pictures and story on page 5

Photo by Gary (KN4AQ)

The Exciter

The *Exciter* is the monthly newsletter of the Raleigh Amateur Radio Society. It is available in both printed and electronic form. The printed version is mailed to members just before each club meeting. The electronic form, in Adobe Acrobat PDF format, is e-mailed about a week earlier.

We solicit both articles and advertising. The deadline for submissions is first Friday of the month or Friday after the monthly meeting. Contact the Editor.

The views contained in the *Exciter* are those of the individual authors, and are not necessarily the views of the Editor, or the Raleigh Amateur Radio Society.

The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the Amateur Radio community in the greater Triangle area. In 1999, we incorporated a new RARS, and obtained 501(c)(3) Non-Profit tax status.

The objectives of the club are to promote worldwide friend-ship through Amateur Radio; to be of public service by providing radio communications in times of disaster, emergency, or civic need; to educate members in radio technique; and to provide training classes to assist in obtaining Amateur Radio licenses.

Anyone interested in Amateur Radio is eligible to apply for membership. Dues for regular licensed amateurs are \$18.00 per year (from July 1 through June 30). Additional immediate family members pay \$5.00 each per year. Dues for licensed amateurs older than 59 or younger than 16 are \$12.00 per year. Dues for non-licensed Associate members are \$9.00 per year.

Applications for membership may be obtained from the treasurer, or the RARS web site (www.rars.org).

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RARS Repeaters in Raleigh:
145.13 (82.5 PL)
146.64
224.64 (Temporarily off the air)
444.525 (82.5 PL)

WEB SITE www.rars.org



PRESIDENT'S COMMENTS



April will be here before we know it, and with it, RARSfest 2005

One of the compliments we hear about the hamfest is that it's a good social event. Indeed, Hank mentioned at a recent meeting a survey he saw, that said the top reason people attend hamfests is for the "social aspects."

I'd like to thank everyone who's helped make past RARSfests enjoyable. I hope you'll all consider pitching in and helping out, even if it's just for an hour, to make RARSfest 2005 as much fun as those in years past.

This is a great chance to show our hospitality and put on a great event. See you there!

Andy

The Exciter goes to the printer the first Monday after the general meeting. Electronic mailing is the same week. Printing and mailing may vary.

RALEIGH AMATEUR RADIO SOCIETY MEETINGS

Date: *Every first Tuesday of the Month*
Location: *Forest Hills Baptist Church, at Dixie Trail and Clark Avenue, in Raleigh*
Time: *7:30pm. Folks start showing up a bit before 7 to chat, brag and eat donuts.*

VE Testing: The RARS VEs will accept walk-in testing at the February, May, August and November RARS meetings, at the RARSfest in April, the Cary Swapfest in July and the JARSfest in November, and following RARS license classes. Please bring a photo ID, the original and a copy of your current license, plus any CSCEs you have for credit. Please refer to www.rars.org for more information.

The RARS 145.13 Repeater is waiting for YOU! PL 82.5 Tone

Announcements

NEXT RARS MEETING: Tuesday, March 1, 2005 7:30 pm CONTESTS

RARSFEST IS ALMOST HERE

Mark your calendars for April 17th 2005 – the date of the 33rd annual RARSFest - the largest hamfest in the northern Piedmont area. The RARS membership can be proud of the RARSFest - you work hard to make it a success and as a result RARS has a reputation for having a warm friendly hamfest. You, the RARS membership, are the reason for that reputation.

When RARSFest weekend gets here, there is still plenty of work to go around for everyone, and luckily RARS is a big club with enough members to get the job done. We have ample opportunities available in Security, Admissions, Setup, Flea Market, Social, Talk-in, Stage help, Contests, Raffle ticket sales, RARS Table (which offers the free service of selling equipment for members who are working at RARSFest) and Teardown (Dumpster Divers). Visit the hamfest pages on the RARS website and read job descriptions, then volunteer to help out on one of the teams. Just go to <http://www.rars.org> and click on the Hamfest link. Look over the information about the hamfest then go to the bottom of the page and click the Volunteer Workers Sign Up Here link – it's in small print at the very bottom of the main RARSFest page.

Or just contact me and I'll be glad to find a spot for you to help.

K4HM – Hank Montgomery

(919) 577-1254

K4HM@arrl.net

Odyssey of the Mind Eastern Regional Tournament

Saturday, March 5, 2005

Hams are **needed** to provide communications support for this event.

Time - approximately 7am - 3pm

Location - East Wake High School, Wendell, NC.

Equipment needed: 2-meter HT and earphone. (Silly hats optional).

This is an easy, enjoyable, indoor event. Great for your first try at public service.

Need more info? Want to volunteer?

Contact Dick KD4ISC at

kd4isc@arrl.net

HAMFEST CALENDAR

March 6	Kinston, NC
March 12-13	Charlotte, NC
April 9	Chesapeake, VA
April 16	Morganton, NC
April 17th	Raleigh, NC--RARSFEST
May 20-22	Dayton, OH
May 21	Williamston, NC
May 28	Durham, NC
June 11	Winston-Salem, NC
June 25-26	FIELD DAY
July 2	Salisbury, NC
July 16	Cary, NC
July 23	Waynesville, NC



LOOKing Back 30 Years

Taken from the February 1975 Exciter

FCC renewal fees have gone into effect. Renewals are \$4.00 and modification is \$3.00.

A joint project by RARS and the Cary Club is continuing every 3rd Friday at the main entrance to the mall. It is a booth to handle traffic and explain amateur radio to the public. This project deserves a little support.

(Editor's note: this sounds like a project to be resurrected)



LOOKing Back 10 Years

Taken from the February 1995 Exciter

The repeater in Clayton 147.39 was modified for dual squelch operation. The repeater now requires a PL (CTCSS) of 88.5hz to activate the sensitive squelch, but does not require a PL (CTCSS) to activate the "tight" less sensitive squelch setting

NEW MEMBERS

Welcome to RARS!

Sandy AC1Y
Phil KI4IHX
Robert N4GEB
Henry WB2AGA
Ray K4RMV
James KG4ISM

A birthday was missed last month: Mort Shaw W4MJN who was 90 on February 5. HAPPY BELATED BIRTHDAY Mort



March MEMBER BIRTHDAYS

Bob	KG4IZA	03/02
Bob	N4VQN	03/05
Noble	N4UOQ	03/06
Jay	NT4D	03/08
James	KC9VJ	03/08
Bob	KC4CPD	03/10
Tom	N4TAB	03/10
Jim	WA5APR	03/10
David	KF4VXJ	03/12
Larry	K4LXV	03/17
William	K4WGE	03/20
Bill	AF4JG	03/22
Carl	W4HJZ	03/23
Greg	KE4PAX	03/23
BJ	KD4ZVS	03/26
Betty	KA2JFG	03/26
Peg	KB1HVA	03/28

NET REPORTS FOR JANUARY 2005

8:00pm DAILY: RARS Evening Net

Participants 551
Traffic 39/35
Time 915 minutes
Sessions 31

8:30pm SAT: Tech & Traders Net
9:00pm MON: SWL/SIG

Participants 63
Traffic 0/0
Time 437 Minutes
Sessions 9

Governor Mike Easley's Inauguration

By Gary KN4AQ

RALEIGH, NC, December 15, 2005. North Carolina Governor Mike Easley's inauguration committee asked amateur radio to help with logistics coordination. Central Carolina Helping Hams' (<http://hampublicservice.org/>) Bill Cole KG4CXY turned to Wake County ARES EC Tom Brown, N4TAB, to coordinate hams at the event, which included the swearing-in ceremony and a parade through downtown Raleigh.

Brown recruited 17 hams who shadowed the event officials and parade marshals and tracked the progress of the parade. Most of the traffic was "urgently routine," from directing volunteers to cueing the 19-gun salute and getting all the parade entries reported and lined up.

The traffic was carried on the RARS 145.13 repeater. There were a few technical problems. The repeater is located on the DH Hill Library building on the NC State campus, only a mile and a half from the activities that took place near the state Capitol. But most of the hams had their radios hanging from their belts or stuffed into pockets on this cold day, and there were a lot of weak signals. The repeater had a short key-up delay due to the PL decode circuit, and most of the handheld radios had their battery-savers activated. The combination led to lots of missed calls and missing initial syllables.

Even so, the group handled a lot of logistics traffic and helped keep the event moving along. The events had their own set of problems, with plenty of last-minute changes. The radio communications came in more than handy, with ham radio getting a high profile before many state officials.



The coordination and Net Control team: (from left) Bob Breyer, K1RCB; Tom Brown, N4TAB; Liz Stanley KF4UQZ (seated); David Crawford KF4VXJ.



Larry Wiandt, N4LEW (standing next to car) talks to the driver from the North Carolina Transportation Museum



Larry Holt, KG4FIQ, reports that, yes, there is a marching band immediately following these horses. "Clean up on aisle three!"



Mike George, KC4WUH, reports the parade progress.



Kelly Andrews, KD4EWG (center), was the volunteer coordinator for the entire inauguration. He brought in Central Carolina Helping Hams' director Bill Cole, KG4CXY (right), to assist with communications. Bill recruited N4TAB to coordinate the hams, and shadowed Kelly himself.

Photos by Gary KN4QA

Minutes of the RARS General Meeting February 2005

The general meeting of the Raleigh Amateur Radio Society was conducted on February 1, 2005 at the Forest Hills Baptist Church located on Dixie Trail.

President Andy Peterson, NI4S, called the meeting to order at 7:35 pm and announced that VE testing was about to begin in one of the adjacent meeting rooms.

Henry Heller, WB2AGA, Bob Brown, N4GEB and his daughter Jessica (who was taking her Technician test), Ray Vasques, K4RMV and James Allen, KG4ISM were welcomed as guests to the meeting.

The following announcements were made:

- Bob Breyer, K1RCB, provided a handout about upcoming CERT training and public service opportunities. An MS Walk is scheduled for April 9. The MS 150 will be held in New Bern on September 10 and 11. Hotels in that area are filling quickly and members wanting to work that event should make reservations now. The Firecracker 50 / 100 K bike race will occur on July 4 in Cary and a motorcycle charity ride will take place on May 15. There have been about 15 hams that have completed CERT training. The next classes will be held on February 18 – 20 and another on March 11 – 13. Those interested in any of these events should contact Bob after the meeting or via the email and phone number listed on the handout. Andy, NI4S, followed up with the comment that RARS is helping the City of Raleigh take advantage of grant money by assisting with the way CERT instructors are reimbursed for training. There is no cost to the club and the budget is not impacted. Those who would like more details should contact Andy or Greg Seamster, KE4PAX (Treasurer).
- Dick Orander, KD4ISC, announced that he was still in need of a few more radio operators for the Odyssey of the Mind Eastern Regional Tournament that will be held on Saturday, March 5. The event will take place at East Wake High School in Wendell. Dick advised this is a good first time event for those new to public service and extended a special invitation to the younger members of the club to participate. Loaner radios are available to anyone who might need them for this event. Dick then announced that club member Mort Shaw, W4MJN, will be celebrating his 90th birthday on the 5th of this month. He then led the group in a celebratory round of applause for Mort.
- Hank Montgomery, K4HM, provide an update on the hamfest preparations. The 33rd annual RARSfest will be held on Sunday, April 17. Many volunteers are needed to help with this event. The club webpage should be ready to accept information for those wanting to volunteer. Sign up sheets will be available at the next general meeting. Hank also advised that since Communications Headquarters has gone out of business, adjustment are needed to our vendor area. The hamfest committee is working on these adjustments and finding ways to cut costs. One way to save money is to have the membership tab and label the hamfest flyers. By show of hands, Wednesday, February 16 was chosen as the date to hold a "labeling party." Refreshments will be provided to

those who participate. Time and location information will be announced in the next few days. The next hamfest committee meeting will be held on February 28. Everyone is invited to attend. Contact Hank for time and location details. Advance tickets will be available at the next general meeting.

- Andy, NI4S, announced the February RARS dinner will be held next Tuesday (February 8) at the Golden Corral on Glenwood Avenue. Dinner begins around 6:30pm and all are welcomed to attend.

Treasurer's Report:

In the absence of the Treasurer, Andy, NI4S, provided the report. He advised there were now 249 RARS members. Recent donations have been made to the Triangle Radio Reading Service, Radio Newline and the ARRL Spectrum Defense Fund.

Business:

NC Section Manager, John Covington, W4CC, was introduced and given the floor. John encouraged everyone to take the Level 1 Amateur Radio Emergency Communications Course as soon as possible. Grant money, which allows for course tuition to be refunded, is due to expire in September. John also advised that the ARRL Board of Directors met recently. Federal regulatory matters were reviewed. The ARES communications group will be focusing on digital modes and there are changes being suggested for ways to contact our law makers. Details should be forthcoming in the near future.

Andy, NI4S, then recognized several members in the room and asked them to introduce themselves as a way for club members to get to know each other. Henry WB2AGA, Rick K4RLE, Arthur W2JNW, Bob N4GEB, Karl K4LNX, Larry KG4FIQ, Ray K4RMV and Bob K1RCB introduced themselves and shared their ham radio history with the group.

Program:

Israel Pattison, N4ZVU was introduced as our program speaker. He along with help from Camille Durfee, KI4CED presented a video on the Courage Handi-Ham organization. They also shared slides and commentary on Camille's visit to Handi-Ham camp and her training to earn her amateur radio license.

Late Announcements:

Tim Buehlmann, W4TIM, announced that he will be taking part in this year's School Club Roundup. The event will take place February 14 – 19. Tim also reported that he's been asked to provide a program on amateur radio's role in dealing with natural disasters. This presentation will take place during the Wiley Elementary Science Fair on March 15. Members who are interested in helping Tim with this event should contact him after the meeting.

Door Prizes were won by NC4VA and AD4RC.

Andy, NI4S, announced that a brief video clip covering the recent White Doves Toy Drive would be shown after the close of the meeting.

Attendance - 36

Meeting adjourned at 8:51 pm.

Dick Orander
RARS Secretary

**Minutes of the RARS Board Meeting
November 16, 2004**

The RARS board meeting was held at the Forest Hills Baptist Church on Tuesday, November 16, 2004. Members present were W8HYD, K1RCB, K4HF, K4MJL, K4HM, KG4RMT, KN4AQ, NI4S, KE4PAX, K4DAW, K4FIJ, W4BRB, KD4ISC and NC4VA.

President Andy Peterson, NI4S, called the meeting to order at 7:32 p.m.

The minutes from the October board meeting were presented, amended, and approved.

Officers' Reports

Treasurer's Report (KE4PAX):

- There are currently 236 members.
- Taxes were completed and mailed prior to the November 15th deadline.

Vice President's Report (W8HYD):

- Plans to organize a class for the Technician Class license continue. Location is pending.
- The Encore singers will perform at the December general meeting. Members are asked to bring Christmas treats to share and a toy for the United Way's White Doves Toy Drive.
- John Van Pelt will give a presentation on hurricanes and tornadoes for the January program.

Committee Reports

FM committee (KA2FWC): No report

Exciter (K4DAW): Anniversaries and personal profiles will be published in the Exciter.

Net Manager (KG4OQA): No report

Web Master (W4NOT): No report

Membership (K4DAW): Nothing to report

Hamfest (K4HM): Planning meetings for RARSfest 2005 were held in September and October. The next meeting is scheduled for January 2005. The RARS website has been updated with RARSfest information. Admission will be \$6.00 by pre-registration and \$7.00 at the door. Prizes include ICOM 2 meter mobile radios, an ICOM 706 MKII HF/VHF/UHF Transceiver, and a \$125 pre-registration prize. The RARSfest will be a Section Convention.

Field Day (N4HAF): No report

Public Information (KN4AQ): Gary Pearce, KN4AQ, will assist Florida with publicity for the United Way's White Doves Holiday Project, a toy drive for children in the hurricane-stricken areas.

Education (W8HYD): No report

VE Team (WA4GIR & KO4CK): In absence of WA4GIR and KO4CK, Hank Montgomery, K4HM, reported that 4 people tested at the previous general meeting. The team plans to test at JARSfest.

Public Service (K1RCB): Thanks were extended to those who gave service at recent events.

ARRL Liaison (K4HF): Nothing to report

Nominating Committee (K4HF): Until the position of education director is filled, Dick Bitner, W8HYD, will handle concerns in that area. Thanks were extended to Bob Breyer, K1RCB, who will step down as Public Service

Chairman for 2005.

W4DW/W4RNC Trustee (AC4ZO): No report

At-Large Directors (WA9SZL, K4FIJ & KG4RMT): Selene Montgomery, KG4RMT, brought a concern to the board about general meetings starting on time.

Special or Ad Hoc Committees: No report

Unfinished Business:

- Sixty-two toys were collected during the November general meeting for the United Way's White Doves Holiday Project.

- The board approved a motion by Chuck Littlewood, K4HF, to compensate Jim and Denyse Walter, K4FIJ and K4DAW, up to a maximum of \$150.00 for their expenses in delivering the toys to Florida.

New Business:

- Gary Pearce, KN4AQ, moved to dispense with the December board meeting. The motion was carried.

The meeting was adjourned at 8:15 p.m.

Respectfully submitted, Virginia Enzor, NC4VA, Secretary

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147.135**

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NORTH AMERICAN QSO PARTY

By Denyse K4DAW & Jeff AC4ZO

The North American SSB QSO party was January 15-16, 2005. Jeff AC4ZO had the party at his QTH in Cary. We used a Kenwood TS-850S. 12 years old, and no DSP. It is equipped with an optional Digital Voice Keyer (DVK) and we had each operator program it with their own voice. The headset is the Heil ProSet with the HC-4 microphone, and the footswitch is from Radio Shack. The logging program is CT by K1EA.

Antennas were a dipole about 100 feet long and a Moseley TA-33 tri-band 3 element beam at 25 feet.

Here's our summary:

160 meters: 8 QSOs 5 Mults

75 meters: 78 QSOs 30 Mults

40 meters: 18 QSOs 12 Mults

20 meters: 37 QSOs 19 Mults

15 meters: 40 QSOs 13 Mults

10 meters: 17 QSOs 6 Mults

Total: 198 QSO's 85 Mults for a claimed score of 16, 830

Call used: W4DW

Highest 10 QSO rate 186/hr in final 15 minutes of contest



Jeff training Virginia NC4VA on contesting with the CT program



Jeff AC4ZO, Bud KG4IJQ, Mike KB7NLA, Denyse K4DAW learning CT contest program

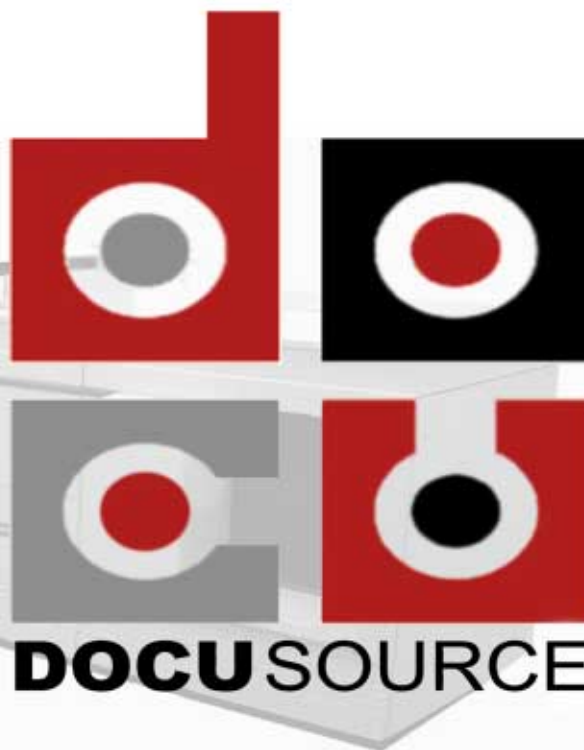
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HAMFEST SOCIAL Evening of April 16th

Things are always coming and going in life and the hamfest social is no exception. The date is April 16. This is the time that we have a great meal and visit with vendors and others who are in town for the annual RARS hamfest to be held April 17. The social will be in the meeting room of the Jim Graham building on the grounds of the NC State Fair.

Help will be needed to decorate the meeting room, to serve our guests as they go through a buffet line, and to clean up following the meal. Oh yes....**and** we definitely need all of you good cooks to prepare covered dishes of vegetables, salads, casseroles, and desserts. I know we can depend on so many of you to contribute in some way. You have always been so generous in years past. RARS will furnish pork barbecue and fried chicken as well as beverages.

I thank you in advance for keeping the RARS hamfest social in your plans for the evening of April 16. Food items should be brought to the meeting room in the Jim Graham building by 6:15 pm. If you need to bring items earlier, please pack them on ice if they require refrigeration.

Please let me know if you can help with decorating the morning of April 16 and/or with serving and cleaning up that evening. Decorating takes about an hour and a half, beginning at 10:00 am, and the evening work is from 6:00-8:30 pm.

Again, my thanks for the help you will give to make hamfest vendors and other guests feel welcome to Raleigh and to the RARS 33rd hamfest. We have heard so often in the past that our socials have been an appreciated and enjoyable experience associated with RARS hamfests. With all of us working together, we will have another evening of fun and fellowship followed by a great hamfest!

I can be reached at 872-6555. Please leave me a message if I am not at home when you call.

Mary Jo Littlewood, K4MJL
Hamfest Social Chairman

RTP Hams Still Doing Lunch

It's been about 10 years now that hams working for the various tech companies in the RTP have been meeting for lunch at 11:30 on most Thursdays. It's still going strong. Ken N4ZBB posts the upcoming venue on the RARS mailing list, and makes an announcement at about 11:15 on 64 (this picture was taken at Chick-fil-A somewhere near NC 54/55). If you're in the RTP area on a Thursday morning, listen for the announcement and stop by!



Photo by Gary KN4AQ



RARS DINNER

Come join us on the **2nd** Tuesday of each month. We are currently meeting in the private dining room at the Golden Corral, 6129 Glenwood Avenue. People start arriving around 6:30 P.M., and things usually wind down by 8 P.M. or so. You can come whenever it's convenient for you. This gathering is open to anyone, RARS and non-RARS members, adults and children alike. Hope to see you there.

MARCH CONTESTS

As March approaches, so does the end of what most consider to be the contest season. Don't despair, though -- there are still some prime events left for you to test your chops or grab some new countries/states/band-modes.

North Carolina QSO Party

Sunday, February 27, Noon to 10 PM Local.

I'd encourage everyone to get on the air for this event. It's small but fast-growing, and very "weekend friendly." Work any station, anywhere, CW or Phone on 80 through 10 meters. You can have a QSO with a station again on a different band/mode, or if they're mobile and go to a new NC county. Try to get as many NC counties, US states and Canadian provinces as you can.

When you have a QSO, tell the other station your county, and make sure you get his or her NC county, or state/province outside NC. You can even work DX stations, but no need to specifically note the country.

Visit www.w4nc.com for more information on submitting your log -- which I also encourage. If you need help scoring or formatting your log, I'll be glad to help.

ARRL International DX - Phone

March 4-6, 7 PM Friday through 7 PM Sunday Local.

The bands are all loaded with DX stations, clamoring to

talk to North Americans. Sound like a dream? For 48 hours in March, it's reality.

Work only DX stations. Send "59 NC" and get back 59 and a "power" number. You can work stations again on different bands.

Score = QSOs x 3 x Number of DXCC entities, so try to work as many countries as you can!

CQ WW WPX - Phone

March 25-27, 7 PM Friday through 7 PM Sunday Local. Single operators work 36 out of the 48 hours.

This one's a lot of fun -- you can work any station for QSO credit. Work as many stations as you can, anywhere in the world. The multipliers in the WPX are "prefixes" -- so for example, NI4S's prefix is "NI4". W4DW's is "W4". 3B9C's prefix would be "3B9". You'll hear some unique prefixes on the bands, many of them special or commemorative stations.

The CW version of the WPX runs the last weekend in May.

Submitted by Andy NI4S

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www.ccskywarn.net



SKYWARN DINNER

February 24, **Thursday** at 6:30pm, at the Golden Corral in Raleigh on Glenwood Avenue. We are trying a different night so please mark your calendar.

Around the World QSO's

By Denyse K4DAW

The weather has been brutal in the northeast, with totals of up to 50 inches of snow. Wouldn't you like to hear the blizzard reports given to the NWS up north, and other weather reports from around the world? How about health and welfare reports from the tsunami areas? Or reports on forest fires in Australia? Or a quick QSO with a friend from another state? You can hear all of this and much more through Echolink.

The VOIP net is held every Saturday evening at 7:00 pm EDT. It's free and all you need is a PC with an internet connection, and a callsign. If you can hit the 146.775 (88.5) repeater, you may also hear the net.

To contact the world without HF license, go to www.echolink.org. You will be glad you did.

Clip and Save

WINTER CRITERIA

During a Skywarn net we will request the following information from your location:

- ♦ Station Callsign and Name
- ♦ Location
- ♦ Precipitation type
 - ♦ Snow
 - ♦ Sleet
 - ♦ Freezing rain
 - ♦ Rain
 - ♦ Mixed precipitation
- ♦ Rate of precipitation
 - ♦ Light
 - ♦ Moderate
 - ♦ Heavy
- ♦ Have you experienced a changeover in precipitation type?
- ♦ Accumulation/accretion in the past hour
- ♦ Total event accumulation/accretion
- ♦ Measured temperature (if available)
- ♦ Measured wind speed and direction (if available)
- ♦ Power outages (not on & off flickering)

Please do not report estimated amounts - all observations should be measured!

Net control will take your report at the end of each hour.



Jeff Orrock was the speaker at the January Skywarn dinner. Jeff explained some of the reasons why winter weather is hard to predict and answered questions from the past storms.

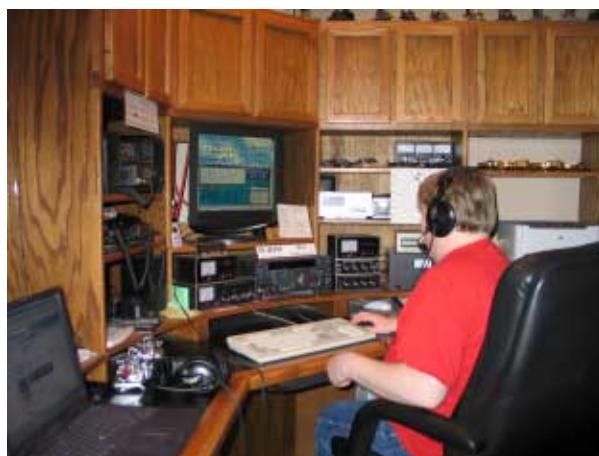


Photos by
Jim K4FIJ

HAM ACTIVITIES



Doug Hill WA4BCJ (center) coordinates high school marching band directors at the Governor's inauguration on January 15, 2005. (Story on p. 5)



The North American QSO party was held Jan 15-16, 2005. Mike KB7NLA, new to our area from Utah, operates at Jeff AC4ZO QTH. (Story on p. 8)